FEDERAL ITEM IDENTIFICATION GUIDE

CONSOLES, SWITCHBOARDS, AND PANELS

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Commander

Defense Logistics Information Service

ATTN: DLIS-K

74 Washington Avenue North, Suite 7

Battle Creek, Michigan 49037-3084

(COMM) (269) 961-5779

(DSN) 661-5779

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

Contents

GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

Index of Approved Item Names Covered by this FIIG
Applicability Key Index
Section I - Item Characteristics Data Requirements
Section III - New text that should be here.
Appendix A - Reply Tables
Appendix B - Reference Drawing Groups (as applicable)
Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign ($) for an OR condition, or a double dollar sign ($$) for an AND condition, (5) the mode code, (6) the response or reply code

(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

MRC	Mode Code	Requirement	Example
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

[Page Break]

MRC Index

INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name	INC	App Key

Console

1. A grouping of controls, indicators, and similar items contained in a specially designed cabinet for floor mounting forming an operator's permanent working position. Normally includes desk facilities. It may include components of an electronic set or an electrical system. Excludes SWITCHBOARD (as modified).

CONSOLE (1), AIRPORT CONTROL TOWER	05119	CB

A console specifically designed for controlling and monitoring communication facilities in an airport control tower. Also includes provisions for control of field outline and obstruction lighting, and of runway border and approach lights. Includes telephone and intercommunication facilities, and provisions for display of pertinent meteorological information. May include rack for cards which show flight status of aircraft.

CONSOLE (1), ASSAULT FIRE COMMAND, GUIDED MISSILE	60267	CB

A console specifically designed to be used in assault position(s) where close tactical guided missile support is required. It is used in lieu of a GUIDED MISSILE BATTERY CONTROL CENTRAL which is less adaptable to assault phase operations. Provides facilities for audio-visual target detection, tracking and fire control of two or more guided missile launchers. May include intercommunication facilities. Excludes CONSOLE (1), GUIDED MISSILE BATTERY CONTROL; and CONSOLE, TARGET TRACKING. See also CONSOLE (1), MISSILE GUIDANCE.

CONSOLE (1), COMMUNICATION CONTROL	05195	CA

A console specifically designed for the control of communication circuits such as telephone, radio, intercommunication stations, announcing system, voice recording and reproducing.

CONSOLE (1), COUNTERMEASURES SIMULATOR, GUIDED MISSILE TRAINING SET	61490	CB

A console specifically designed to initiate, monitor, and control synthetic countermeasure signals for application to a CONSOLE, LAUNCHER CONTROL to provide operator training. May include a POWER SUPPLY. Excludes SIMULATOR, COUNTERMEASURES SIGNALS.

CONSOLE, INPUT-OUTPUT, DIGITAL COMPUTER	62148	CB

A console specifically designed to control the activities of all input-output operations and the associated peripheral equipment utilized in a digital computer system.

Approved Item Name	INC	App Key
CONSOLE (1), MESSAGE	60271	CB

A console that provides for the initiation of electronically coded messages that are selected by an operator on the basis of displayed information. The coded messages are actuated by operating a push button, switch or similar method.

CONSOLE (1), MISSILE GUIDANCE	19142	CC

A console that is used with associated electronic sets and components for the command control of a guided missile.

CONSOLE (1), POWER DISTRIBUTION	60274	GA

A console specifically designed to distribute and control electrical power. It includes equipment to supply either alternating or direct current of various output characteristics.

CONSOLE (1), RADAR CLOUD DETECTING SET	19143	CC

A console specifically designed for components of a RADAR CLOUD DETECTING SET.

CONSOLE (1), RADAR SET	19144	CC
CONSOLE (1), REMOTE INQUIRE, DIGITAL COMPUTER	62149	CB

A console specifically designed to control, from remote locations, interrogation activities and printing replies in a digital computer system.

CONSOLE (1), SIMULATOR STATION, GUIDED MISSILE SYSTEM	61438	CB

A console specifically designed for use in a guided missile system simulator station to produce artificial signal data and other coordinated simulation data for transmittal to another guided missile system console. Excludes CONSOLE, RADAR SET and CONSOLE, SWITCHING CONTROL.

CONSOLE (1), SITUATION DISPLAY	60275	CB

A console specifically designed to provide a visual display of the elements comprising an air operations area that is associated with zonal defense.

CONSOLE (1), SONAR SET #	40010	CC
CONSOLE (1), SWITCHING CONTROL	19668	CB

A console specifically designed for control of individual elements of a switching system in accordance with a predetermined plan. May also include provisions for direct control.

Approved Item Name	INC	App Key
CONSOLE, TAPE SWITCH CONTROL	62150	CB

A console specifically designed for use in a digital computer system for the purpose of manual control for logical switching of magnetic tape units between multiple communication channels of the central processing unit.

CONSOLE (1), TARGET TRACKING	60276	CB

A console specifically designed for tracking an airborne target to point of intercept with a guided missile. It is used with an ANTENNA-RECEIVER-TRANSMITTER GROUP, TARGET TRACKING. Excludes CONSOLE, MISSILE GUIDANCE and CONSOLE, GUIDED MISSILE BATTERY CONTROL.

CONTROL PANEL, LAUNDRY EQUIPMENT	41770	BB

Switches, timers, relays, valves, fuses and/or indicators and their common mounting which, in combination, control the cycles and various functions of a washer, dryer or other piece of laundry equipment. Excludes individual parts more specifically classified or named.

LAMP, ELECTROLOMINESCENT PANEL	62407	BA

An item that when connected to an alternating current source, emanates light from crystalline powders or phosphors sandwiched between electrical conductive surfaces, one of which is translucent. The powders absorb the electrical energy and convert it instantly into light with minimal heat without the use of ballast, starters, or other auxiliary electrical equipment.

Panel		

1. A single flat-surfaced item upon which are mounted such items as switches, variable resistors, relays, meters, circuit breakers, fuses, jacks, and the like, and may be used to perform functions such as control, protection, measuring, and switching. It may or may not have associated framework and/or inclosure. Do not use if all of the items mounted thereon have the same basic name or for items for which a more specific name can be found in this index.

2. An item essentially flat in shape, which may be designed by size, shape, and thickness to have mounted upon it such electrical items as switches, variable resistors, relays, meters, circuit breakers, fuses, jacks, and the like. It may have holes drilled or cut in it to accommodate items, but will have no items mounted on it except bracket(s) or other facilities for its own mounting or support.

PANEL (1), ACCELEROMETER ADJUSTMENT CONTROL, MISSILE GUIDANCE ALIGNMENT SET	05386	BB

A panel upon which is mounted such items as switches, indicator lights, meters, and the like and which is specifically designed for the purpose of providing controls for accelerometer adjustment and determining when power has been applied to a missile guidance alignment set.

Approved Item Name	INC	App Key
PANEL (1), ALARM, SHIPBOARD	03985	FA

A panel upon which is mounted such items as switches, indicator lights, bells and other accessories, and which is specifically designed for the purpose of controlling and testing alarm systems. It may include provisions for the audible and/or visual indication of the existence and location of fires and/or dangerous temperatures.

PANEL, BOILER CONTROL	46204	GA

A panel, upon which are mounted relays, switches, transformers and the like, which are specifically designed for the purpose of controlling the operation of an industrial boiler.

PANEL, CONTROL, ELECTRICAL-ELECTRONIC EQUIPMENT	39448	BB

A panel, upon which are mounted such items as indicator lights, meters, relays switches and the like, which is specifically designed for the purpose of controlling the operation of electrical and electronic equipment. See also PANEL, TEST, ELECTRICAL

PANEL, CONTROL, OXYGEN SUPPLY	53255	BA

An item designed to indicate liquid oxygen quantity pressure. May contain devices for self-testing.

PANEL, DISPLAY, TRAINING	36948	BA

A panel upon which is mounted such items as meters, switches, jacks and other accessories. Specifically designed for connecting to a TRAINER (as modified) to provide a visual display and/or instructions programmed into the trainer by an instructor. Used to train personnel in operational and/or maintenance checks of components.

PANEL (2), ELECTRICAL-ELECTRONIC EQUIPMENT	37775	BB

A panel which is designed to accommodate, but does not include connectors, displays, indicators, jacks, meters, switches, and the like. It may include clinch nuts or fastening devices as part of the item. Excludes PANEL, BLANK.

PANEL, ILLUMINATION	40114	BA

A glass or plastic panel designed to have photometric requirements and be an integral part of an electrical circuit providing illumination to an indicator assembly. The surface can be treated to react to electrical energy with illumination. Excludes all engraved panels. See PANEL, INDICATING, LIGHT TRANSMITTING.

Approved Item Name	INC	App Key
PANEL, INDICATING, LIGHT TRANSMITTING	61555	BA

An item composed of a coated transparent or partly transparent/partly opaque materiels, engraved with letters, words and/or symbols, designed to allow light to be transmitted through the engraving(s) for indicating purposes. It may have an electrical lighting circuit either on a removable printed circuit board or embedded within the panel. The circuit may have removable or nonremovable electroluminescent and/or incandescent lamps for lighting. Dials and/or switches may be included. Excludes DISPLAY, OPTOELECTRONIC. See also INDICATOR (as modified), and LIGHT (1), INDICATOR.

PANEL (1), INDICATOR	04029	BA

A panel designed for indicating purposes only. It does not distribute power nor control the equipment with which it is used. See also PANEL, POWER DISTRIBUTION; SWITCHBOARD, POWER; and INDICATOR ASSEMBLY.

PANEL (1), MANUAL TRIM	53268	BA

A panel used to convert aircraft flight control trim commands such as pitch, roll, and yaw into electrical signals used by a COMPUTER, FLIGHT CONTROL. It may also be used to enable/disable the autopilot.

PANEL (1), MONITOR	05387	BB

A panel which is specifically designed to permit monitoring of intelligence such as that received by radio receivers, telemetric data receivers, and the like. It may provide facilities for remotely controlling a recorder, and to signal an operator by visual and/or audible means.

PANEL, PATCHING, ANTENNA	03987	DB

An item on which are mounted plugs, sockets, and the like, and which provides a point at which a radio set may be connected to various antennas or antenna arrays by means of patch cords, U-links, or similar methods. May include an indicator for display of output power from the radio transmitter.

PANEL (1), PATCHING, COMMUNICATION	03988	DB

A panel on which are mounted jacks, sockets, and the like, and which provides a point for convenient interconnection by use of patch cords with plugs or other means of connecting between remote communication circuits. Do not use if a more applicable item name exists. See also SWITCHBOARD (as modified).

PANEL (1), PATCHING, FIBER OPTIC	47409	DB

A panel on which are mounted feedthru connectors, jacks, sockets, and the like which provide a point for convenient interconnections by use of patch cords, fiber optic cables, or other means of connecting. Used for the distribution and rerouting of fiber optic signals.

Approved Item Name	INC	App Key
PANEL, PATCHING, PROGRAMMING	28946	DB

A panel consisting of a single flat-surfaced item which contains contact springs, jacks, sockets, and the like, and is encased in a frame assembly. It is used for connecting to the internal wiring of the electronic equipment in use. It may be designed to accept either non-removable or interchangeable patchboards that can be programmed with patch cords to create the circuit required for a given operation. Excludes PANEL, PATCHING, ANTENNA; PANEL, PATCHING, COMMUNICATION; and SWITCHBOARD, PATCHING, COMMUNICATION. See also PATCHBOARD, ELECTRICAL.

PANEL (1), POWER DISTRIBUTION	02794	GA

A panel designed for connecting, disconnecting, and protecting power line feeders and/or direct control of specific electric devices such as lights, motors, electronic equipment, etc. See also FUSE BOX; SWITCH BOX; DISTRIBUTION BOX; and PANEL, POWER BUS, CIRCUIT BREAKER.

PANEL (2), RECEIVER, COUNTERMEASURE	48840	BB

A panel specifically designed to enclose and interconnect a RECEIVER, COUNTERMEASURE. It may have holes drilled or cut to accommodate items to be mounted such as cable assemblies, accompanying hardware and the like.

PANEL, SALINITY MONITORING AND ALARM SYSTEM, SHIPBOARD	46242	FA

A panel upon which are mounted such items as switches, meters, lights and plug-in modules. It is specifically designed to control salt content in processed sea water prior to ship usage.

PANEL, SIGNAL DISTRIBUTION, RADAR	04265	CD

A component specifically designed to interconnect one or more radar receivers to another component(s).

PANEL, SIGNAL DISTRIBUTION, RADIO	04266	CA

A component specifically designed to interconnect one or more radio receivers and/or transmitters to one or more antennae and provide audio patching facilities. May also include facilities to measure frequency, insulation resistance, volume level, voltage, current and provide for visual or aural monitoring.

PANEL, TEST, ELECTRICAL	04230	AA

A panel upon which are mounted items such as meters, switches, resistors, jacks, binding posts, and like items. It is designed to be connected to many different types of electrical parts, equipment, or circuits for testing purposes. Do not use for items having specific test applications, such as TESTER (as modified) and TEST SET (as modified).

PANEL (1), VEHICULAR OPERATION	38001	BA

A panel designed for the actuation and/or control of different functions by the vehicle commander during operation of a vehicle. Panels with a housing may also accommodate corresponding electrical and mechanical components.

Approved Item Name	INC	App Key
PANEL (1), VOLTAGE SELECTOR	48518	GA

A panel which is specifically designed to permit selection of the correct voltage setting of electrical equipment. Includes terminal(s), and may include shorting-link(s) and fuse(s). Excludes PANEL, POWER DISTRIBUTION and PANEL, FUSE.

PATCHBOARD, ELECTRICAL	28947	DB

A single, flat surfaced item in which are incorporated jacks, clips, sockets, and the like, and which provides a point for convenient interconnections by use of patch cords with plugs, or other means of connecting between electrical circuits which may be used for programming, troubleshooting, and testing. Do not use if a more applicable item name exists. Excludes PANEL, PATCHING, ANTENNA; PANEL, PATCHING, COMMUNICATION; and SWITCHBOARD, PATCHING, COMMUNICATION. See also PANEL, PATCHING, PROGRAMMING.

Switchboard

1. A grouping of two or more panels, jack assemblies and strips which mount switches, variable resistors, relays, meters, circuit breakers, fuses, jacks, and the like. It may be used to perform functions such as control, protection, measuring, switching, and may have associated framework or inclosure.

SWITCHBOARD (1), ALARM, SHIPBOARD	03986	FA

A switchboard upon which are mounted such items as switches, indicator lights, bells, and other accessories; it is specifically designed for the purpose of controlling and testing alarm systems. It may include provisions for the audible and/or visual indication of the existence and location of fires and/or dangerous temperatures.

SWITCHBOARD (1), DIRECTION FINDER CONTROL	19481	DA

A switchboard specifically designed to perform functions such as communication or switching and to provide supervisory facilities for direction finder sets.

SWITCHBOARD, FIRE CONTROL	19482	DA

An item used specifically to perform functions such as controlling, protecting, measuring, and switching for fire control systems. May include such items as switch units, switches, variable resistors, relays, meters, fuses, synchro overload indicating devices, terminal boards, and wiring and may be sectionalized. (For the purpose of this definition a section is defined as a self- contained structure mounted on a common base consisting of a complete framework with all required inclosures.)

SWITCHBOARD, INTERIOR COMMUNICATION	19483	DA

An item used specifically to perform functions such as controlling, protecting, measuring, and switching for interior communication systems. May include such items as switch units, switches, variable resistors, relays, meters, fuses, synchro overload indicating devices, terminal boards, and wiring and may be sectionalized. (For the purpose of this definition, a section is defined as a self-contained structure mounted on a common base consisting of a complete framework with all required inclosures.)

Approved Item Name	INC	App Key
SWITCHBOARD (1), PATCHING, COMMUNICATION	03989	DB

A switchboard with patch cords, jacks, and plugs mounted thereon to provide convenient interconnection between remote communication circuits. Do not use if a more applicable item name exists. See also PANEL (as modified).

SWITCHBOARD (1), POWER	02795	GA

A switchboard with associated framework and/or inclosures which controls the selection and/or distribution of electric power.

SWITCHBOARD (1), RADIO INTERCEPT CONTROL	19484	DA

A switchboard specifically designed to perform functions such as communication or switching and to provide supervisory facilities for two or more radio receiving equipments which are being operated for the purpose of scanning several definite bands of radio transmission.

SWITCHBOARD SECTION, TELEPHONE, MANUAL	19231	EA

A structural unit which is part of a multiple type manual telephone switchboard, and which generally contains the operator's cord and other position circuit equipment but not the jack panel equipment. It is not a complete functioning item, but is used with one or more similar sections and accessory items to make up a complete switchboard.

SWITCHBOARD, SIGNAL DISTRIBUTION, RADAR	03746	CD

An item consisting of two or more panels on which are mounted switches, indicator lights, and like accessories. It is used to interconnect one or more radar sets with one or more radar indicators.

SWITCHBOARD, SIGNAL DISTRIBUTION, RADIO	26947	DA

A device which, in association with a control keyer, audio lines, and a switchboard tied by air-to-ground multiplex channels, provides an air-to-air or air-to-ground automatic switching facility, having the capability of detecting inband tones and using this to key radio sets.

SWITCHBOARD, TELEPHONE, MANUAL	19230	EA

An item consisting of a framework or inclosure on or in which are mounted switches, relays, indicator lamps, and/or drops, wiring, fuses, line and trunk terminations. May include dial. Provides for manual connection of a calling telephone set or trunk to a called telephone set or trunk. Connections are usually made by means of plugs, jacks, and cords, or by key type switches. May include means for signalling and supervision. May be of the multiple or nonmultiple type, and may be sectionalized.

Approved Item Name	INC	App Key
SWITCHBOARD, TELEPHONE, SOUND POWERED	19232	EA

An item on which are mounted jacks and terminals and switches, either manually operated or remotely operated by electrical means. Consists of two or more panels for switching and patching. Includes isolation provisions for sound powered telephone lines and framework, and may include inclosures and test instruments.

APPLICABILITY KEY INDEX

	AA
NAME	X
ACYN	AR
ACZB	AR
FAAZ	AR
ACYR	AR
ANTH	AR
ANSX	AR
ANSZ	AR
ANTJ	AR
ANJG	X
SURF	AR
ABFY	AR
ABHP	AR
ADUM	AR
ABKW	AR
ABMK	AR
ADAV	AR
ALGC	AR
ANWF	X
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
NHCF	AR
ELCD	AR
AGAV	AR
ALCD	AR
AFJK	AR
AWJN	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR

HZRD	AR
SHPN	AR
DENN	AR
WLBL	AR
CXCY	AR

	BA	BB
NAME	X	X
AMKD	X	
NMBR	AR	
AGDV	AR	
ANSZ	AR	
ACYN	AR	
ACZB	AR	
FAAZ	AR	
ACYR	AR	
ANJG	X	X
SURF	AR	AR
ADUM	AR	AR
ABKW	AR	AR
ABMK	AR	AR
ADAV	AR	AR
ABFY	AR	AR
ABHP	AR	AR
ALGC	AR	AR
MARK	AR	
AKYD		AR
FEAT	AR	AR
TEST	AR	AR
SPCL	AR	AR
ZZZK	AR	AR
ZZZT	AR	AR
ZZZW	AR	AR
ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
ELRN	AR	AR
NHCF	AR	AR
ELCD	AR	AR
AGAV	AR	AR
ALCD	AR	AR
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PRMT	AR	AR
PMWT	AR	AR
PMLC	AR	AR
SUPP	AR	AR
FCLS	AR	AR
FTLD	AR	AR
TMDN	AR	AR
RTSE	AR	AR
RDAL	AR	AR
NTRD	AR	AR
ZZZP	AR	AR
ZZZV	AR	AR
HZRD	AR	AR
SHPN	AR	AR
DENN	AR	AR
WLBL	AR	AR

CXCY	AR	AR

	CA	CB	CC	CD
NAME	X	X	X	X
ANXJ	X	X	X	
AAPN	AR	AR	AR	
AEZD		X		
ANXN	X			
AKWC	AR	AR	AR	AR
ACYN	AR	AR	AR	AR
ACZB	AR	AR	AR	AR
FAAZ	AR	AR	AR	AR
ACYR	AR	AR	AR	AR
ALSF	AR	AR	AR	AR
ANXS			X	
ANXY	X	X		
ANXZ	AR	AR		
ABFY	AR	AR	AR	AR
ABHP	AR	AR	AR	AR
ABMK	AR	AR	AR	AR
ADAV	AR	AR	AR	AR
ADUM	AR	AR	AR	AR
ABKW	AR	AR	AR	AR
ANYA	X			
ANYB	AR			
ANYF				X
ANYG				X
AFHS	AR		AR	
AKVY	AR		AR	
AFJH	AR		AR	
AKVZ	AR		AR	
AJJX	AR		AR	
AJJZ	AR		AR	
AJKA	AR		AR	
AJKB	AR		AR	
ADZC		AR		
ANYQ		X		
AKWA	AR	AR	AR	AR
AKWB	AR	AR	AR	AR
FEAT	AR	AR	AR	AR
TEST	AR	AR	AR	AR
SPCL	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR
CRTL	AR	AR	AR	AR
PRPY	AR	AR	AR	AR
ELRN	AR	AR	AR	AR
NHCF	AR	AR	AR	AR
ELCD	AR	AR	AR	AR
AGAV	AR	AR	AR	AR
ALCD	AR	AR	AR	AR
AFJK	AR	AR	AR	AR
AWJN	AR	AR	AR	AR

PRMT	AR	AR	AR	AR
PMWT	AR	AR	AR	AR
PMLC	AR	AR	AR	AR
SUPP	AR	AR	AR	AR
FCLS	AR	AR	AR	AR
FTLD	AR	AR	AR	AR
TMDN	AR	AR	AR	AR
RTSE	AR	AR	AR	AR
RDAL	AR	AR	AR	AR
NTRD	AR	AR	AR	AR
ZZZP	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR
HZRD	AR	AR	AR	AR
SHPN	AR	AR	AR	AR
DENN	AR	AR	AR	AR
WLBL	AR	AR	AR	AR
CXCY	AR	AR	AR	AR

	DA	DB
NAME	X	X
AAPN	X	X
ANYT		X
ANYW		X
ANZA		AR
AKVZ		AR
ANJG		X
ANZD	X	
ADUM	AR	AR
ABKW	AR	AR
ABMK	AR	AR
ADAV	AR	AR
ABFY	AR	AR
ABHP	AR	AR
ALGC		AR
AKWA	AR	AR
AKWB	AR	AR
FEAT	AR	AR
TEST	AR	AR
SPCL	AR	AR
ZZZK	AR	AR
ZZZT	AR	AR
ZZZW	AR	AR
ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
ELRN	AR	AR
NHCF	AR	AR
ELCD	AR	AR
AGAV	AR	AR
ALCD	AR	AR
AFJK	AR	AR
AWJN	AR	AR
PRMT	AR	AR
PMWT	AR	AR
PMLC	AR	AR
SUPP	AR	AR
FCLS	AR	AR
FTLD	AR	AR
TMDN	AR	AR
RTSE	AR	AR
RDAL	AR	AR
NTRD	AR	AR
ZZZP	AR	AR
ZZZV	AR	AR
HZRD	AR	AR
SHPN	AR	AR
DENN	AR	AR
WLBL	AR	AR
CXCY	AR	AR

	EA
NAME	X
ANZG	X
ANLJ	AR
ANZH	X
ANZJ	X
ANZL	X
APRA	AR
APPZ	AR
ANZQ	AR
APAH	X
APAJ	X
APAN	AR
APAL	X
AMKD	X
ABBH	X
ABHP	AR
ADUM	AR
ABMK	AR
ABFY	AR
ABKW	AR
ADAV	AR
AKWA	AR
AKWB	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
NHCF	AR
ELCD	AR
AGAV	AR
ALCD	AR
AFJK	AR
AWJN	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
HZRD	AR

SHPN	AR
DENN	AR
WLBL	AR
CXCY	AR

	FA
NAME	X
APAY	X
ACYN	AR
ACZB	AR
FAAZ	AR
ACYR	AR
APBK	X
ABKW	AR
ABFY	AR
ABHP	AR
ABMK	AR
ADAV	AR
ADJH	X
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
NHCF	AR
ELCD	AR
AGAV	AR
ALCD	AR
AFJK	AR
AWJN	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
HZRD	AR
SHPN	AR
DENN	AR
WLBL	AR
CXCY	AR

	GA
NAME	X
ANPZ	AR
APCA	X
AMPS	AR
APNW	X
APNX	AR
ABJL	AR
APPY	AR
ANPM	AR
APNY	AR
APNZ	X
APPA	AR
APPB	AR
ANSQ	AR
FAAZ	AR
APPC	AR
ADUM	AR
ABKW	AR
ABMK	AR
ADAV	AR
ABFY	AR
ABHP	AR
ANJG	X
SURF	AR
ADJH	X
APPD	AR
AFHS	AR
AKVY	AR
AFJH	AR
AKVZ	AR
ALYQ	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
NHCF	AR
ELCD	AR
AGAV	AR
ALCD	AR
AFJK	AR
AWJN	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
FCLS	AR

FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
HZRD	AR
SHPN	AR
DENN	AR
WLBL	AR
CXCY	AR

[Page Break]

Body

SECTION: A

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED04230*)

ALL *			
	ACYN	J	AC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF ROOT MEAN SQUARE POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACYNJVA110.0*; ACYNJVA110.0$$JVA120.0*; ACYNJVB110.0$$JVC140.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *			
	ACZB	J	FREQUENCY RATING

APP
Key MRC Mode Code Requirements

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH AN ITEM IS RATED.

Reply Instructions: Enter the applicable ISAC from Appendix A Table 9 and the Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACZB1AJEA60.0*; ACZB1BJEB60.0$$JEC90.0*; ACZB1DJEB120.0$JEC140.0*)

Table 1

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

FAAZ D PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable ISAC from Appendix A Table 9 and the applicable Reply Code from the table below. (e.g., FAAZ1ADB*; FAAZ1BDA$$DC*; FAAZ1CDA$DB*)

REPLY CODE	REPLY (AD02)
A	SINGLE
C	THREE
B	TWO

ALL *

ACYR J DC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF DIRECT CURRENT POTENTIAL FOR WHICH THE ITEM IS RATED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable ISAC from Appendix A Table 9 and the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACYR1AJVA110.0*; ACYR1BJVA110.0$$JVA120.0*; ACYR1CJVB105.0$JVC115.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ANTH D METER TYPE

Definition: AN INDICATION OF THE TYPE OF METER.

Reply Instructions: Enter the applicable ISAC from Table 1 below and the Reply Code from Table 2 below. (e.g., ANTH1ADAC*; ANTH1BDAC$$DAH*; ANTH1CDAC*; ANTH1XDAH*)

Table 1

REPLY CODE	REPLY (0281)
1Z	ALL GROUPINGS
1X	SINGLE GROUP
1A	1ST GROUP
1B	2ND GROUP
1C	3RD GROUP

Table 2

REPLY CODE	REPLY (AK13)
AB	ALTIMETER
AC	AMMETER
AD	ARBITRARY SCALE
AE	AUDIO LEVEL

APP Key	MRC	Mode Code	Requirements
		AF	DECIBEL
		AG	FREQUENCY
		AH	OHMETER
		AK	VOLT-OHMMETER
		AJ	VOLTMETER

NOTE FOR MRCS ANSX, ANSZ, AND ANTJ: WHEN MULTIPLE REPLIES USING I/SAC ARE ENTERED FOR MRC ANTH, USE ISAC ENTERING REPLIES FOR THESE MRCS IN THE SAME SEQUENCE AS MRC ANTH.

ALL * (See Note Above)

ANSX D MEASUREMENT UNIT

Definition: AN INDICATION OF THE UNIT OF MEASURE FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable ISAC from the table below and the applicable Reply Code from Appendix A , Table 2. (e.g., ANSX1ADAAE*; ANSX1BDABT$$DAAE*; ANSX1ADABT*; ANSX1BDAAE*)

REPLY CODE	REPLY (0281)
1Z	ALL GROUPINGS
1X	SINGLE GROUP
1A	1ST GROUP
1B	2ND GROUP
1C	3RD GROUP

ALL * (See Note Preceding MRC ANSX)

ANSZ F SCALE MEASUREMENT RANGE

Definition: THE MINIMUM AND MAXIMUM NUMERIC VALUES REPRESENTING THE MEASUREMENT COVERAGE OF A SCALE..

Reply Instructions: Enter the applicable ISAC from the table below and the numeric value. (e.g., ANSZF1XM3.0/P250.0; ANSZ1BFM4.0/P350.0*)*

REPLY CODE	REPLY (0281)
1Z	ALL GROUPINGS

APP Key	MRC	Mode Code	Requirements
		1X	SINGLE GROUP
		1A	1ST GROUP
		1B	2ND GROUP
		1C	3RD GROUP

ALL * (See Note Preceding MRC ANSX)

ANTJ A METER QUANTITY

Definition: THE NUMBER OF METERS PROVIDED

Reply Instructions: Enter the applicable ISAC from the table below and the quantity. (e.g., ANTJ1AA2*; ANTJ1CA1*; ANTJ1BA2*)

REPLY CODE	REPLY (0281)
1Z	ALL GROUPINGS
1X	SINGLE GROUP
1A	1ST GROUP
1B	2ND GROUP
1C	3RD GROUP

ALL

ANJG D PANEL MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE PANEL IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., ANJGDPC0000*; ANJGDALC000$$DAL0000$DST0000*)

ALL *

APP Key	MRC	Mode Code	Requirements
	SURF	D	SURFACE TREATMENT

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 4. (e.g., SURFDZNA000*; SURFDAN0000$$DANA000$DCN0000*)

ALL *

	ABFY	J	OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA1.000*; ABFYJLA25.4*; ABFYJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

	ABHP	J	OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AS THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA1.000*; ABHPJLA25.4*; ABHPJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)

APP Key	MRC	Mode Code	Requirements
		A	INCHES
		L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ADUM J OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA1.000*; ADUMJLA25.4*; ADUMJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA1.000*; ABKWJLA25.4*; ABKWJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)

APP Key	MRC	Mode Code	Requirements
		A	INCHES
		L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA1.000*; ABMKJLA25.4*; ABMKJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA1.000*; ADAVJLA25.4*; ADAVJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)

APP Key	MRC	Mode Code	Requirements
		A	INCHES
		L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ALGC G MOUNTING CONFIGURATION

Definition: THE PATTERN OR ARRANGEMENT THAT DESCRIBES THE MOUNTING CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., ALGCG0.125 IN. DIA MTG HOLES ON 2 IN. BY 2 IN. MTG CENTERS*)

ALL

ANWF D TEST ITEM MOUNTING ACCOMMODATION

Definition: INDICATES THE MOUNTING ACCOMMODATION(S) OF THE TEST ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 5. (e.g., ANWFDAE*; ANWFDAK$$DAB$DAF*)

SECTION: B

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED04029*)

BA

AMKD	D	INDICATOR TYPE

Definition: INDICATES THE TYPE OF DEVICE USED TO REGISTER THE CONDITION(S).

Reply Instructions: Enter the applicable ISAC from Table 1 below and the Reply Code from Appendix A , Table 6.

(e.g., AMKD1ADABA*; AMKD1BDADA$$DABC*; AMKD1ADABA* AMKD1BDABC*)

REPLY CODE	REPLY
1Z	*ALL GROUPS*
1X,	SINGLE GROUP
1A	1ST GROUP
1B	2ND GROUP
1C	3RD GROUP

NOTE FOR MRCS NMBR, AGDV, AND ANSZ: WHEN MULTIPLE REPLIES USING I/SAC ARE ENTERED FOR MRC AMKD, USE I/SAC ENTERING REPLIES FOR THESE MRCS IN THE SAME SEQUENCE AS MRC AMKD

BA* (See Note Above)

NMBR	A	QUANTITY

Definition: A NUMERIC VALUE WHICH REPRESENTS A POSITIVE WHOLE VALUE WITHOUT REGARD TO ANY UNIT OF MEASURE.

Reply Instructions: Enter the applicable ISAC from the table below and the quantity. (e.g., NMBR1AA1*; NMBR1BA2*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY
1Z	ALL GROUPS
1X	SINGLE GROUP
1A	1st GROUP
1B	2nd GROUP
1C	3rd GROUP

BA* (See Note Preceding MRC NMBR)

AGDV D EMITTED LIGHT CHARACTERISTIC

Definition: THE CHARACTERISTIC OF THE RADIANT ENERGY GENERATED BY THE LAMP WITHIN OR ADJACENT TO THE VISIBLE SPECTRUM OF LIGHT.

Reply Instructions: Enter the applicable ISAC from the table below and the Reply Code from Appendix A , Table 7. (e.g., AGDV1ADAM0000*; AGDV1CDAM0000$$DGR0000*; AGDV1ADAM0000*; AGDV1BDGR0000*)

REPLY CODE	REPLY(0281)
1Z	ALL GROUPS
1X	SINGLE GROUP
1A	1st GROUP
1B	2nd GROUP
1C	3rd GROUP

BA* (See Note Preceding MRC NMBR)

ANSZ F SCALE MEASUREMENT RANGE

Definition: THE MINIMUM AND MAXIMUM NUMERIC VALUES REPRESENTING THE MEASUREMENT COVERAGE OF A SCALE.

Reply Instructions: Enter the applicable ISAC from the table below and the numeric value. (e.g., ANSZ1CFM10.0/P250.0*; ANSZ1AFM3.0/P250.0*; ANSZ1BFM4.0/P350.0*)

REPLY CODE	REPLY(0281)
1Z	ALL GROUPS
1X	SINGLE GROUP
1A	1st GROUP
1B	2nd GROUP
1C	3rd GROUP

APP Key	MRC	Mode Code	Requirements

BA*

ACYN J AC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF ROOT MEAN SQUARE POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable ISAC from Appendix A Table 9 and the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACYN1AJVA110.0*; ACYN1BJVA110.0$$JVA120.0*; ACYN1CJVB105.0$$JVC115.0*; ACYN1DJVA105.0$$JVA115.0*; ACYN1EJVB215.0$$JVC225.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

BA*

ACZB J FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH AN ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACZBJEA60.0*; ACZBJEB60.0$$JEC90.0*)

Table 1

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

BA*

FAAZ D PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable ISAC from Appendix A Table 9 and the applicable Reply Code from the table below. (e.g., FAAZ1ADB*; FAAZ1BDA$$DC*; FAAZ1CDA$DB*)

REPLY CODE	REPLY (AD02)
A	SINGLE
C	THREE
B	TWO

BA*

ACYR J DC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF DIRECT CURRENT POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable ISAC from Appendix A Table 9 and the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACYR1AJVA110.0*; ACYR1BJVA110.0$$JVA120.0*; ACYR1CJVB105.0$JVC115.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ANJG D PANEL MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE PANEL IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., ANJGDALC000*; ANJGDALC000$$DAL0000$DST0000*)

ALL *

SURF D SURFACE TREATMENT

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 4. (e.g., SURFDZNN000*; SURFDAN0000$$DANA000$DCN0000*)

ALL *

ADUM J OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA1.000*; ADUMJLA25.4*; ADUMJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)

APP Key	MRC	Mode Code	Requirements
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM

ALL *

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA1.000*; ABKWJLA25.4*; ABKWJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA1.000*; ABMKJLA25.4; ABMKJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)

APP Key	MRC	Mode Code	Requirements
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM

ALL *

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA1.000*; ADAVJLA25.4*; ADAVJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ABFY J OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA1.000*; ABFYJLA25.4*; ABFYJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)

APP Key	MRC	Mode Code	Requirements
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM

ALL *

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA1.000*; ABHPJLA25.4*; ABHPJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ALGC G MOUNTING CONFIGURATION

Definition: THE PATTERN OR ARRANGEMENT THAT DESCRIBES THE MOUNTING CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., ALGCGFOUR 0.125 IN. DIA MOUNTING HOLES ON 2 IN. BY 2 IN. MOUNTING CENTERS*)

BA*

MARK G SPECIAL MARKINGS

APP Key	MRC	Mode Code	Requirements

Definition: MARKINGS INCLUDED ON AN ITEM FOR THE PURPOSE OF OFFERING INSTRUCTIONS OR WARNINGS OR TO INDICATE THE PURPOSE, FUNCTION, OR APPLICATION OF THE ITEM. EXCLUDES MANUFACTURERS PART NUMBERS, SYMBOLS, OR THE LIKE.

Reply Instructions: Enter the reply in clear text. (e.g., MARKGPORT FLOODS OPEN*)

BB*

AKYD G ACCESSORY COMPONENTS AND QUANTITY

Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the reply in clear text. (e.g., AKYDG1JACK*)

SECTION: C

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED05195*)

CA, CB, CC

ANXJ	D	SECTIONALIZED FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A FEATURE FOR SECTIONING THE ITEM IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANXJDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC AAPN: IF REPLY CODE B IS ENTERED FOR MRC ANXJ, REPLY TO MRC AAPN.

CA*, CB*, CC* (See Note Above)

AAPN	A	SECTION QUANTITY

Definition: THE NUMBER OF INDIVIDUAL ELEMENTS.

Reply Instructions: Enter the quantity. (e.g., AAPNA3*)

CB

AEZD	D	SWITCH

Definition: AN INDICATION OF WHETHER OR NOT A DEVICE USED TO OPEN OR CLOSE AN ELECTRICAL CIRCUIT IS INCLUDED WITH THE ITEM.

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AEZDDC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

CA

ANXN D SERVICING LOCATION

Definition: INDICATES THE SERVICING LOCATION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANXNDABA*; ANXNDABA$$DABC*)

REPLY CODE	REPLY (AJ91)
A	ANY ACCEPTABLE
ABA	BOTTOM
ABC	FRONT
ABH	INSIDE
ABJ	REAR
ABD	TOP

The electrical characteristics such as current, voltage, frequency, and the like, which in varying degrees and combinations serve to establish the power rating of an electrical item.

NOTE FOR MRC AKWC: REPLY TO MRC AKWC WHEN THE SOLE POWER SOURCE IS SELF-CONTAINED OR WHEN A SINGLE EXTERNAL POWER SOURCE IS SPECIFIED.

ALL * (See Note Above)

AKWC D ELECTRICAL POWER SOURCE RELATIONSHIP

Definition: THE RELATIONSHIP OF THE ELECTRICAL POWER SOURCE TO THE ITEM.

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKWCDAC*)

A self-contained power source shall be interpreted as being a power source, such as a gasoline or diesel engine generator, or vehicular electrical system when the vehicle utilized as the power source is included in the item.

When the item includes a self-contained power source and the item is also designed for operation from an external power source, the external power source is considered alternate operating. Under this condition reply only alternate operating.

When the item is powered by external power source(s) only, it is considered operating. When the item is powered solely by internal batteries, these batteries do not constitute a self-contained power source but are considered operating.

REPLY CODE	REPLY (AH00)
AB	ALTERNATE OPERATING
AC	OPERATING
AD	SELF-CONTAINED

NOTE FOR MRCS ACYN, ACZB, FAAZ, ACYR, AND ALSF: IF THE REPLY TO MRC AKWC IS OTHER THAN REPLY CODE AD, REPLY TO THESE MRCS AS APPLICABLE. IF MORE THAN ONE EXTERNAL POWER SOURCE, USE SPECIAL SECONDARY ADDRESS CODING FROM APPENDIX C, TABLE 1 FOR THESE MRCS.

ALL * (See Note Above)

ACYN J AC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF ROOT MEAN SQUARE POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable ISAC from Appendix A Table 9 and the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACYN1AJVA110.0*;

ACYN1BJVA110.0$$JVA120.0*;

ACYN1CJVB110.0$JVC140.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS

APP Key	MRC	Mode Code	Requirements
		L	MILLIVOLTS
		V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL * (See Note Preceding MRC ACYN)

ACZB J FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH AN ITEM IS RATED.

Reply Instructions: Enter the applicable ISAC from Appendix A Table 9 and the Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g.,

ACZB1AJEA60.0; ACZB1BJEB60.0$$JEC90.0*;*

ACZB1DJEB120.0$JEC140.0*)

Table 1

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL * (See Note Preceding MRC ACYN)

FAAZ D PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable ISAC from Appendix A Table 9 and the applicable Reply Code from the table below. (e.g., FAAZ1ADB;*

FAAZ1BDA$$DC;*

FAAZ1CDA$DB)*

REPLY CODE	REPLY (AD02)
A	SINGLE
C	THREE
B	TWO

ALL * (See Note Preceding MRC ACYN)

ACYR J DC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF DIRECT CURRENT POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable ISAC from Appendix A Table 9 and the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACYR1AJVA110.0*; ACYR1BJVA110.0$$JVA120.0*; ACYR1CJVB105.0$JVC115.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL * (See Note Preceding MRC ACYN)

APP Key	MRC	Mode Code	Requirements
	ALSF	D	INTERNAL BATTERY ACCOMMODATION

Definition: AN INDICATION OF WHETHER OR NOT A FACILITY(IES) TO ACCOMMODATE A BATTERY(IES) IS INCLUDED.

Reply Instructions: Enter the applicable ISAC from Appendix A Table 9 and the applicable Reply Code from the table below. (e.g., ALSF1ADB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

CC

	ANXS	D	POWERED VENTILATION SYSTEM

Definition: AN INDICATION OF WHETHER OR NOT A POWERED VENTILATION SYSTEM IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANXSDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

CA, CB

	ANXY	D	ILLUMINATED FEATURE

Definition: AN INDICATION OF WHETHER OR NOT AN ILLUMINATED FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANXYDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

CA*, CB*

APP Key	MRC	Mode Code	Requirements
	ANXZ	D	ILLUMINATED LOCATION

Definition: INDICATES THE ILLUMINATED LOCATION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANXZDAAZ*; ANXZDAAZ$$DABC*)

REPLY CODE	REPLY (AJ91)
AAZ	BACK
AAX	BASE
ABK	EDGE
ABB	END
ABC	FRONT
ABD	TOP

ALL *

	ABFY	J	OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA1.000*; ABFYJLA25.4*; ABFYJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

	ABHP	J	OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA1.000*; ABHPJLA25.4*; ABHPJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA1.000*; ABMKJLA25.4*; ABMKJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA1.000*; ADAVJLA25.4*; ADAVJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ADUM J OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA1.000*; ADUMJLA25.4*; ADUMJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA1.000*; ABKWJLA25.4*; ABKWJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

CA

ANYA D COMMUNICATION LINE TYPE

Definition: INDICATES THE TYPE OF LINE USED TO TRANSMIT INFORMATION FROM ONE POINT TO ANOTHER.

Reply Instructions: Enter the applicable ISAC from Appendix A Table 9 and the applicable Reply Code from the table below. (e.g., ANYA1ADAF*; ANYA1BDAB$$DAH*; ANYA1ADAB* ANYA1BDAH*)

REPLY CODE	REPLY (AK21)
AB	ANNOUNCING
AC	INTERCOMMUNICATION STATION
AD	INTERPHONE
AE	PUBLIC ADDRESS
AF	RADIO
AG	RADIO MONITORING
AH	RADIO RECORDING
AJ	SOUND POWERED TELEPHONE

CA*

ANYB A COMMUNICATION LINE QUANTITY

Definition: THE NUMBER OF COMMUNICATION LINE(S).

APP Key	MRC	Mode Code	Requirements

Enter the applicable ISAC from Appendix A , Table 9, followed by the quantity. (e.g., ANYB1BA1)"*

When replying for each different type use, the applicable ISAC from Appendix A Table 9 and the quantity, entering replies in the same sequence as MRC ANYA. (e.g.,

ANYB1AA1*

ANYB1BA1*)

CD

ANYF A RADAR INDICATOR CIRCUITS QUANTITY ACCOMMODATED

Definition: THE NUMBER OF RADAR INDICATOR CIRCUITS THE ITEM CAN ACCOMMODATE.

Reply Instructions: Enter the quantity. (e.g., ANYFA2*)

CD

ANYG A RADAR SET CIRCUITS QUANTITY ACCOMMODATED

Definition: THE NUMBER OF RADAR SET CIRCUITS THE ITEM CAN ACCOMMODATE.

Reply Instructions: Enter the quantity. (e.g., ANYGA2*)

NOTE FOR MRCS AFHS, AKVY, AFJH, AND AKVZ: WHEN THE REPLY TO MRC AFHS IS LESS THAN TEN (10) REPLY TO MRCS AFHS, AKVY, AFJH, AND AKVZ. IF MORE THAN TEN (10), PROCEED TO MRCS AJJX, AJJZ, AJKA, AND AJKB AND DO NOT REPLY TO MRC AFHS.

CA*, CC* (See Note Above)

AFHS A ACCESSORY COMPONENT QUANTITY

Definition: THE NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the quantity. (e.g., AFHSA4*)

CA*, CC* (See Note Preceding MRC AFHS)

APP Key	MRC	Mode Code	Requirements
	AKVY	G	ACCESSORY CONTROLLING AGENCY

Definition: THE NAME OF THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION THAT CONTROLS THE MANUFACTURE OF THE ACCESSORY ITEM.

Reply Instructions: Enter the controller's name. (e.g., AKVYGSIGNAL CORPS, JETDS*)

CA*, CC* (See Note Preceding MRC AFHS)

AFJH G FURNISHED ITEMS

Definition: ITEMS FURNISHED AS ACCESSORIES WHICH ARE NOT SPECIFIED ELSEWHERE.

Reply Instructions: Enter the reply in clear text. (e.g., AFJHGRECEIVER, MICROPHONE*)

CA*, CC* (See Note Preceding MRC AFHS)

AKVZ J ACCESSORY IDENTIFYING NUMBER

Definition: THE SPECIFIC NUMBER USED TO IDENTIFY THE ACCESSORY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the identifying number. (e.g., AKVZJAE79614*; AKVZJAB47AB$$JAC1A*)

REPLY CODE	REPLY (AG99)
AB	DRAWING NO.
AC	MODEL NO.
AD	PART NO.
AE	SERIAL NO.
AF	TYPE NO.

CA*, CC* (See Note Preceding MRC AFHS)

AJJX D COMPONENT DOCUMENT ORIGIN

Definition: THE ORIGINATOR (GOVERNMENTAL, INDUSTRIAL, OR OTHERWISE) OF THE AVAILABLE DOCUMENT WHICH LISTS THE COMPONENT(S) OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g.,

APP Key	MRC	Mode Code	Requirements

AJJXDAF;*

AJJXDAD$$DAF)*

REPLY CODE	REPLY (AF59)
AF	GOVERNMENT
AD	INDUSTRIAL

CA*, CC* (See Note Preceding MRC AFHS)

AJJZ D DOCUMENT TYPE

Definition: INDICATES THE TYPE OF DOCUMENT BY THE TITLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJJZDAB*; AJJZDAB$$DAD$DAF*;

AJJZ1ADAC*

AJJZ1BDAD*)

REPLY CODE	REPLY (AF70)
AE	FEDERAL SPECIFICATION
AC	MILITARY SPECIFICATION
AF	MILITARY STANDARD
AB	TECHNICAL MANUAL
AD	TRAINING MANUAL

CA*, CC* (See Note Preceding MRC AFHS)

AJKA A DOCUMENT IDENTIFICATION

Definition: THE NUMBER OR SYMBOL USED TO IDENTIFY THE DOCUMENT.

Reply Instructions: Enter the number of the document.

(e.g., AJKAAMIL-F-1234*;

AJKA1AAMIL-F-1234*

AJKA1BATM-5-225*)

CA*, CC* (See Note Preceding MRC AFHS)

APP Key	MRC	Mode Code	Requirements
	AJKB	A	COMPONENT DOCUMENT PAGE NUMBER

Definition: THE PAGE NUMBER INDICATING THE LOCATION OF THE COMPONENT(S) LISTED IN THE DOCUMENT.

Reply Instructions: Enter the page number. (e.g.,

AJKBA119)*

CB*

	ADZC	D	ENVIRONMENTAL PROTECTION

Definition: THE ENVIRONMENTAL ELEMENTS OR CONDITIONS THAT AN ITEM IS DESIGNED OR PROTECTED TO RESIST OR WITHSTAND SATISFACTORILY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADZCDCL*; ADZCDBV$$DBW*)

REPLY CODE	REPLY (AA65)
A	ANY ACCEPTABLE
BV	DUSTPROOF
BW	EXPLOSION PROOF
CL	VAPORTIGHT
BX	WATERTIGHT

CB

	ANYQ	D	INTERNALLY ILLUMINATED FEATURE

Definition: AN INDICATION OF WHETHER OR NOT AN INTERNAL ILLUMINATION FEATURE IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANYQDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

APP Key	MRC	Mode Code	Requirements
ALL *			
	AKWA	G	JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM NAME
	Definition: THE NAME ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.		
	Reply Instructions: Enter the reply in clear text. (e.g., AKWAGPUBLIC ADDRESS SET*)		
ALL *			
	AKWB	G	JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM TYPE NUMBER
	Definition: THE TYPE NUMBER ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM		
	Reply Instructions: Enter the reply in clear text. (e.g., AKWBGAN/TIPIA*)		

SECTION: D

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME
	Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.		
	Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED19481*)		
ALL			
	AAPN	A	SECTION QUANTITY
	Definition: THE NUMBER OF INDIVIDUAL ELEMENTS.		
	Reply Instructions: Enter the quantity. (e.g., AAPNA4*)		
DB			
	ANYT	A	CONNECTING POSITION QUANTITY PER SECTION
	Definition: THE NUMBER OF CONNECTING POSITIONS PROVIDED PER SECTION.		
	Reply Instructions: Enter the quantity. (e.g., ANYTA8*; ANYTA4$$A8*)		
DB			
	ANYW	A	RECEPTACLE QUANTITY
	Definition: THE NUMBER OF RECEPTACLES PROVIDED.		
	Reply Instructions: Enter the quantity. (e.g., ANYWA15*)		
DB*			
	ANZA	A	PATCHING UNIT QUANTITY
	Definition: THE NUMBER OF PATCHING UNITS PROVIDED.		
	Reply Instructions: Enter the quantity. (e.g., ANZAA4*)		
DB*			

APP Key	MRC	Mode Code	Requirements
	AKVZ	J	ACCESSORY IDENTIFYING NUMBER

Definition: THE SPECIFIC NUMBER USED TO IDENTIFY THE ACCESSORY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the identifying number.

(e.g., AKVZJAD23761*;

AKVZJAB1050$$JAD1050-120*)

REPLY CODE	REPLY (AG99)
AB	DRAWING NO.
AC	MODEL NO.
AD	PART NO.
AE	SERIAL NO.
AF	TYPE NO.

DB

ANJG D PANEL MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE PANEL IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., ANJGDANC000*; ANJGDALC000$$DAL0000$DST0000*)

DA

ANZD A PANEL QUANTITY PER SECTION

Definition: THE NUMBER OF PANELS PER SECTION.

Reply Instructions: Enter the quantity. (e.g., ANZDA28*)

ALL *

ADUM J OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA1.000*; ADUMJLA25.4*; ADUMJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA1.000*; ABKWJLA25.4*; ABKWJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA1.000*; ABMKJLA25.4*; ABMKJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA1.000*; ADAVJLA25.4*; ADAVJAB2.495$$JAC2.503*)

Tabl e 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ABFY J OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA1.000*; ABFYJLA25.4*; ABFYJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA1.000*; ABHPJLA25.4*; ABHPJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

DB*

ALGC G MOUNTING CONFIGURATION

Definition: THE PATTERN OR ARRANGEMENT THAT DESCRIBES THE MOUNTING CONFIGURATION OF THE ITEM.

APP Key	MRC	Mode Code	Requirements
			Reply Instructions: Enter the reply in clear text. (e.g., ALGCGFOUR 0.125 IN. DIA MOUNTING HOLES ON 2 IN. BY 2 IN. CENTERS*)
ALL *			
	AKWA	G	JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM NAME
			Definition: THE NAME ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.
			Reply Instructions: Enter the reply in clear text. (e.g., AKWAGPUBLIC ADDRESS SET*)
ALL *			
	AKWB	G	JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM TYPE NUMBER
			Definition: THE TYPE NUMBER ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.
			Reply Instructions: Enter the reply in clear text. (e.g., AKWBGAN/TIPIA*)

SECTION: E

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED19231*)

ALL			
	ANZG	D	BATTERY POWER TYPE

Definition: INDICATES THE TYPE OF BATTERY POWER.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANZGDAAF*)

REPLY CODE	REPLY (AJ93)
AAE	COMMON
AAF	LOCAL

NOTE FOR MRC ANLJ: IF REPLY CODE AAF IS ENTERED FOR MRC ANZG, REPLY TO MRC ANLJ.

ALL * (See Note Above)			
	ANLJ	B	BATTERY VOLTAGE RATING IN VOLTS

Definition: THE ELECTRIC POTENTIAL THAT A BATTERY CAN PROVIDE, EXPRESSED IN VOLTS.

Reply Instructions: Enter the numeric value. (e.g., ANLJB4.0*)

ALL			
	ANZH	D	DIAL

Definition: AN INDICATION OF WHETHER OR NOT A DIAL IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANZHDB*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL

ANZJ A POSITION QUANTITY

Definition: THE NUMBER OF POSITIONS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., ANZJA4*)

ALL

ANZL D RINGING FEATURE

Definition: AN INDICATION OF WHETHER OR NOT THE RINGING FEATURE IS SELECTIVE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANZLDP*)

REPLY CODE	REPLY (AK26)
M	NONSELECTIVE
P	SELECTIVE

ALL *

APRA B RINGING VOLTAGE IN VOLTS

Definition: THE TOTAL ELECTRICAL RINGING VOLTAGE, EXPRESSED IN VOLTS.

Reply Instructions: Enter the numeric value. (e.g., APRAB100.0*)

ALL *

APPZ B RINGING FREQUENCY IN HERTZ

Definition: THE CYCLES PER SECOND (HERTZ) OF THE RINGING ALTERNATING CURRENT.

Reply Instructions: Enter the numeric value. (e.g., APPZB20.0*)

APP Key	MRC	Mode Code	Requirements

ALL *

ANZQ D CIRCUIT ROUTING TYPE

Definition: INDICATES THE TYPE OF CIRCUIT ROUTING.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANZQDAB*; ANZQDAB$DAD*)

REPLY CODE	REPLY (AK28)
A	ANY ACCEPTABLE
AC	CORD
AB	PUSHBUTTON
AD	SWITCH

ALL

APAH A MAXIMUM LINE ACCOMMODATION

Definition: THE TOTAL NUMBER OF LINES THE ITEM WILL ACCOMMODATE.

Reply Instructions: Enter the quantity. (e.g., APAHA100*)

ALL

APAJ A LINE QUANTITY

Definition: THE NUMBER OF LINES PROVIDED.

Reply Instructions: Enter the quantity. (e.g., APAJA6*)

ALL *

APAN D LINE TYPE

Definition: INDICATES THE TYPE OF LINE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APANDAAC*; APANDAAB$$DAAC*)

REPLY CODE	REPLY (AK31)
AAB	COMMON BATTERY
AAC	COMMON BATTERY TRUNK
AAD	CONFERENCE

APP Key	MRC	Mode Code	Requirements
		AAE	INTERPOSITION TRUNK
		AAF	LOCAL BATTERY
		AAG	LOCAL BATTERY TRUNK
		AAH	TEST
		AAJ	TIE
		AAK	TRUNK

ALL

APAL A CORD QUANTITY

Definition: THE NUMBER OF CORDS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., APALA21*)

ALL

AMKD D INDICATOR TYPE

Definition: INDICATES THE TYPE OF DEVICE USED TO REGISTER THE CONDITION(S).

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMKDDACE*)

REPLY CODE	REPLY (AJ12)
ACS	DROP
ACE	LIGHT

ALL

ABBH D INCLOSURE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE INCLOSURE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., ABBHDPW0000*; ABBHDALC000$$DAL0000$DST0000*)

ALL *

ABHP J OVERALL LENGTH

APP
Key MRC Mode Code Requirements

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA1.000*; ABHPJLA25.4*; ABHPJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ADUM J OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA1.000*; ADUMJLA25.4*; ADUMJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ABMK J OVERALL WIDTH

APP
Key MRC Mode Code Requirements

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA1.000*; ABMKJLA25.4*; ABMKJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ABFY J OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA1.000*; ABFYJLA25.4*; ABFYJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ABKW J OVERALL HEIGHT

APP
Key MRC Mode Code Requirements

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA1.000*; ABKWJLA25.4*; ABKWJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA1.000*; ADAVJLA25.4*; ADAVJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

AKWA G JOINT ELECTRONICS TYPE DESIGNATION

APP Key	MRC	Mode Code	Requirements
			SYSTEM ITEM NAME
			Definition: THE NAME ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.
			Reply Instructions: Enter the reply in clear text. (e.g., AKWAGPUBLIC ADDRESS SET*)
ALL *			
	AKWB	G	JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM TYPE NUMBER
			Definition: THE TYPE NUMBER ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.
			Reply Instructions: Enter the reply in clear text. (e.g., AKWBGAN/TIPIA*)

SECTION: F

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED03985*)

ALL			
	APAY	A	CIRCUIT CAPACITY

Definition: THE TOTAL NUMBER OF CIRCUITS THE ITEM WILL ACCOMMODATE.

Reply Instructions: Enter the numeric value. (e.g., APAYA20*)

ALL *			
	ACYN	J	AC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF ROOT MEAN SQUARE POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACYNJVA110.0*; ACYNJVA110.0$$JVA120.0*; ACYNJVB100.0$$JVC120.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements
ALL *			
	ACZB	J	FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH AN ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACZBJEA60.0*; ACZBJEB120.0$$JEC220.0*)

Table 1

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

FAAZ D PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable ISAC from Appendix A Table 9 and the applicable Reply Code from the table below. (e.g., FAAZ1ADB*; FAAZ1BDA$$DC*; FAAZ1CDA$DB*)

REPLY CODE	REPLY (AD02)
A	SINGLE
C	THREE
B	TWO

ALL *

ACYR J DC VOLTAGE RATING

APP Key	MRC	Mode Code	Requirements

Definition: THE VALUE, OR RANGE OF VALUES, OF DIRECT CURRENT POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACYRJVA110.0*; ACYRJVA6.0$$JVA12.0*; ACYRJVB120.0$$JVC220.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

APBK D FRONT TYPE

Definition: INDICATES THE TYPE OF FRONT PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APBKDAAC*)

REPLY CODE	REPLY (AK32)
AAB	DEAD
AAC	LIVE

ALL *

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA1.000*; ABKWJLA25.4*; ABKWJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ABFY J OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA1.000*; ABFYJLA25.4*; ABFYJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA1.000*; ABHPJLA25.4*; ABHPJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA1.000*; ABMKJLA25.4*; ABMKJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA1.000*; ADAVJLA25.4*; ADAVJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ADJH D MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 8. (e.g., ADJHDET*; ADJHDMB$$DJA$DMD*)

SECTION: G

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED02794*)

ALL *			
	ANPZ	D	INCLOSURE FEATURE

Definition: AN INDICATION OF THE FEATURE(S) OF THE INCLOSURE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANPZDAAZ*; ANPZDAAD$$DAAE$DAAY*)

REPLY CODE	REPLY (AJ95)
A	ANY ACCEPTABLE
AAD	DRIPPROOF
AAE	DUSTPROOF
AAZ	FULLY INCLOSED
AAP	OPEN
ABA	PARTIALLY INCLOSED
ABB	SPRAY PROOF
AAW	VENTILATED
AAY	WATERPROOF
AAX	WATERTIGHT

ALL			
	APCA	A	PANEL QUANTITY

Definition: THE NUMBER OF PANELS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., APCAA2*)

ALL *			
	AMPS	B	CURRENT RATING IN AMPS

Definition: THE ELECTRICAL CURRENT RATING, EXPRESSED IN AMPERES.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the numeric value. (e.g., AMPSB200.0*)

ALL

APNW A ELECTRICAL INPUT QUANTITY

Definition: THE NUMBER OF ELECTRICAL INPUTS ACCOMMODATED.

Reply Instructions: Enter the quantity. (e.g., APNWA4*)

ALL *

APNX J INPUT VOLTAGE RATING

Definition: THE INPUT VALUE(S), OR RANGE OF VALUES, FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable ISAC from Appendix A , Table 9 followed by the Reply Codes from Tables 1, 2, and 3 below, followed by the numeric value. (e.g., APNX1AJBVA400.0; APNX1BJBVB110.0$$JBVC220.0*)*

If multiple voltages represent AC and DC currents, use the applicable ISAC from Appendix A Table 9 and the applicable Reply Codes from Tables 1, 2, and 3 below, followed by the numeric value, entering AC voltages first. (e.g.,

APNX1AJBVA110.0*

APNX1BJCVA24.0$JCVA28.0*)

Table 1

REPLY CODE	REPLY (AB62)
B	AC
C	DC

Table 2

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
V	VOLTS

Table 3

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements
ALL *			
	ABJL	B	WATTAGE RATING IN WATTS

Definition: THE RATED POWER THAT AN ITEM CAN SAFELY CONSUME OR PROVIDE, MEASURED IN WATTS.

Reply Instructions: Enter the applicable ISAC from Appendix A , Table 9 Followed by the numeric value. (e.g., ABJL1AB100.0)*

For multiple replies, use the applicable ISAC from Appendix A Table 9 and the numeric value, entering in the same sequence as MRC APNX. (e.g.,

ABJL1AB100.0*

ABJL1BB120.0*)

NOTE FOR MRCS APPY AND ANPM: IF THE ITEM HAS AN ALTERNATING CURRENT INPUT, REPLY TO MRCS APPY AND ANPM.

ALL * (See Note Above)			
	APPY	B	INPUT FREQUENCY IN HERTZ

Definition: THE CYCLES PER SECOND (HERTZ) OF INPUT ALTERNATING CURRENT.

Reply Instructions: Enter the applicable ISAC from appendix A, Table 9 Followed by the numeric value. (e.g., APPY1AB50.0)*

If multiple ratings are not identical, use the applicable ISAC from Appendix A Table 9 and the numeric value entering in the same sequence as MRC APNX. (e.g.,

APPY1AB60.0$B90.0*

APPY1BB90.0*)

ALL * (See Note Preceding MRC APPY)			
	ANPM	D	INPUT PHASE

Definition: THE NUMBER OF INPUT ALTERNATING CURRENT PHASE(S).

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g.,

ANPMDB;*

APP Key	MRC	Mode Code	Requirements

ANPMDA$$DC)*

REPLY CODE	REPLY (AD02)
A	SINGLE
C	THREE
B	TWO

ALL *

APNY D INPUT NEUTRAL

Definition: AN INDICATION OF WHETHER OR NOT AN INPUT NEUTRAL IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APNYDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL

APNZ A ELECTRICAL OUTPUT QUANTITY

Definition: THE NUMBER OF ELECTRICAL OUTPUTS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., APNZA4*)

ALL *

APPA J OUTPUT VOLTAGE RATING

Definition: THE OUTPUT VALUE(S), OR RANGE OF VALUES, FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable ISAS from Appendix A , Table 9 followed by the Reply Codes from Tables 1, 2 and 3 below, followed by the numeric value. (e.g., APPA1AJBVA100.0; APPA1BJBVB100.0$$JBVC110.0*)*

APP Key	MRC	Mode Code	Requirements

If multiple voltages represent AC and DC currents, use ISAC from Appendix A Table 9 and the applicable Reply Codes from Tables 1, 2 and 3 below, followed by the numeric value, entering AC voltage first. (e.g.,

APPA1AJBVA110.0*

APPA1BJCVA24.0*)

Table 1

REPLY CODE	REPLY (AB62)
B	AC
C	DC

Table 2

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
V	VOLTS

Table 3

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

APPB B OUTPUT WATTAGE RATING IN WATTS

Definition: THE RATED OUTPUT POWER THAT AN ITEM CAN SAFELY CONSUME OR PROVIDE, MEASURED IN WATTS.

Reply Instructions: Enter the applicable ISAS from Appendix A , Table 9 followed by the Reply Codes from Tables 1, 2 and 3 below, followed by the numeric value. (e.g., APPB1AB150.0)*

For multiple replies, use ISAC from Appendix A Table 9 and the numeric value, entering in the same sequence as MRC APPA. (e.g.,

APPB1AB150.0*

APPB1BB250.0*)

APP Key	MRC	Mode Code	Requirements

NOTE FOR MRCS ANSQ AND FAAZ: IF THE ITEM HAS AN ALTERNATING CURRENT OUTPUT, REPLY TO MRCS ANSQ AND FAAZ.

ALL * (See Note Above)

ANSQ J OUTPUT FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH THE OUTPUT FREQUENCY IS RATED.

Reply Instructions: Enter the applicable ISAS from Appendix A , Table 9 followed by the Reply Codes from Tables 1, 2 and 3 below, followed by the numeric value. (e.g., ANSQ1AJK50; ANSQ1BJK5$$JK50*)*

If multiple ratings are not identical, use ISAC from Appendix A Table 9 and the applicable Reply Code from the table below, followed by the numeric value, entering in the same sequence as MRC APPA. (e.g.,

ANSQ1AJK5*

ANSQ1BJK50*)

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

ALL * (See Note Preceding MRC ANSQ)

FAAZ D PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g.,

FAAZDC;*

FAAZDA$$DC)*

REPLY CODE	REPLY (AD02)
A	SINGLE
C	THREE
B	TWO

APP Key	MRC	Mode Code	Requirements

ALL *

APPC D OUTPUT NEUTRAL

Definition: AN INDICATION OF WHETHER OR NOT AN OUTPUT NEUTRAL IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APPCDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL *

ADUM J OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA1.000*; ADUMJLA25.4*; ADUMJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ABKW J OVERALL HEIGHT

APP Key	MRC	Mode Code	Requirements

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA1.000*; ABKWJLA25.4*; ABKWJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA1.000*; ABMKJLA25.4*; ABMKJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ADAV J OVERALL DIAMETER

APP Key	MRC	Mode Code	Requirements

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA1.000*; ADAVJLA25.4*; ADAVJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ABFY J OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA1.000*; ABFYJLA25.4*; ABFYJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ABHP J OVERALL LENGTH

APP Key	MRC	Mode Code	Requirements

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA1.000*; ABHPJLA25.4*; ABHPJAB2.495$$JAC2.503*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ANJG D PANEL MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE PANEL IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., ANJGDST0000*; ANJGDALC000$$DAL0000$DST0000*)

ALL *

SURF D SURFACE TREATMENT

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 4. (e.g., SURFDZNA000*; SURFDAN0000$$DANA000$DCN0000*)

ALL

ADJH D MOUNTING METHOD

APP Key	MRC	Mode Code	Requirements

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 8. (e.g., ADJHDA*; ADJHDAJ$DLX$$DKL*)

ALL *

APPD G SHOCK ABSORBENT RATING

Definition: THE AMOUNT OF IMPACT OR SHOCK AN ITEM IS RATED TO WITHSTAND.

Reply Instructions: Enter the reply in clear text. (e.g., APPDG18 DROPS AT 150 FEET*)

ALL *

AFHS A ACCESSORY COMPONENT QUANTITY

Definition: THE NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the quantity. (e.g., AFHSA4*)

ALL *

AKVY G ACCESSORY CONTROLLING AGENCY

Definition: THE NAME OF THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION THAT CONTROLS THE MANUFACTURE OF THE ACCESSORY ITEM.

Reply Instructions: Enter the controller's name. (e.g., AKVYGSIGNAL CORPS*)

ALL *

AFJH G FURNISHED ITEMS

Definition: ITEMS FURNISHED AS ACCESSORIES WHICH ARE NOT SPECIFIED ELSEWHERE.

Reply Instructions: Enter the reply in clear text. (e.g., AFJHGRECEIVER*)

ALL *

AKVZ J ACCESSORY IDENTIFYING NUMBER

APP Key	MRC	Mode Code	Requirements

Definition: THE SPECIFIC NUMBER USED TO IDENTIFY THE ACCESSORY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the identifying number. (e.g., AKVZJAE79614*; AKVZJAB47AB$$JACA$JACB*)

REPLY CODE	REPLY (AG99)
AB	DRAWING NO.
AC	MODEL NO.
AD	PART NO.
AE	SERIAL NO.
AF	TYPE NO.

ALL *

ALYQ G DOCUMENT TITLE

Definition: THE NAME DESIGNATION OF THE WRITTEN OR PRINTED DOCUMENT.

Reply Instructions: Enter the reply in clear text.

(e.g., ALYQGSIG-00-00*)

SECTION: STANDARD

APP Key	MRC	Mode Code	Requirements
ALL *	FEAT	G	SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

APP Key	MRC	Mode Code	Requirements
ALL *	TEST	J	TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321$$JB5556A-663654*;

TESTJAA2345-654321$JB55566-663654*)

REPLY CODE	REPLY (AC28)
C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications,

APP Key	MRC	Mode Code	Requirements
			reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
		B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)

ALL *

SPCL G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL *

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AN62)
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL * (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)

ALL *

ZZZW G DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

APP Key	MRC	Mode Code	Requirements
ALL *			
	ZZZX	G	DEPARTURE FROM CITED DESIGNATOR
			Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.
			Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)
ALL *			
	ZZZY	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS
			Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.
			Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)
ALL *			
	CRTL	A	CRITICALITY CODE JUSTIFICATION
			Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.
			Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL$$ASURF*)
			Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.
NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.			
ALL * (See Note Above)			

APP Key	MRC	Mode Code	Requirements
	PRPY	A	PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL$$ASURF*)

ALL *

	ELRN	G	EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code. (e.g., ELRNGANN112036BIL060557LEN0313605UZ062365*)

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

NOTE FOR MRC NHCF: IF THE CRITICALITY CODE IS E, H, OR M, REPLY TO MRC NHCF.

ALL * (See Note Above)

	NHCF	D	NUCLEAR HARDNESS CRITICAL FEATURE

Definition: AN INDICATION OF THE NUCLEAR HARDNESS CRITICALITY OF THE ITEM.

Reply Instructions: Enter the Reply Code from the table below. (e.g., NHCFDCY*)

REPLY CODE	REPLY (AD05)
CY	HARDENED

APP Key	MRC	Mode Code	Requirements
ALL *			
	ELCD	D	EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY CODE	REPLY (AN58)
A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

SECTION: SUPPTECH

APP Key	MRC	Mode Code	Requirements
ALL			
	AGAV	G	END ITEM IDENTIFICATION

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the applicable reply in clear text.

(e.g., AGAVG3930-00-000-0000*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

ALL

	ALCD	G	USAGE DESIGN

Definition: INDICATES THE DESIGNED USE OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., ALCDGCONTROL OF SIGNAL POWER UNIT*)

ALL

	AFJK	J	CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJB8.000*)

REPLY CODE	REPLY (AD42)
C	CUBIC CENTIMETERS
B	CUBIC INCHES

ALL

	AWJN	J	UNPACKAGED UNIT WEIGHT

Definition: THE MEASURED WEIGHT OF AN ITEM UNENCUMBERED BY PACKAGING OR PACKING MATERIAL.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AWJNJAS1.500*)

For items indicating pounds and ounces, see Appendix C, Table 3, for conversion.

REPLY CODE	REPLY (AG67)
BA	GRAMS
AJ	KILOGRAMS
AS	POUNDS

ALL

PRMT D PRECIOUS MATERIAL

Definition: INDENTIFICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., PRMTDAGA000*; PRMTDAUA000$$DAGA000*; PRMTDAGA000$DAUA000*)

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

ALL

PMWT J PRECIOUS MATERIAL AND WEIGHT

Definition: AN INDICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM, AND THE AMOUNT PER A MEASUREMENT SCALE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. Enter multiple replies in Table 1 sequence. (e.g., PMWTJPTA000R0.780*; PMWTJAUA000F0.500$$JAGA000R0.780*)

Table 1

REPLY CODE	REPLY (MA01)
AUA000	GOLD

APP Key	MRC	Mode Code	Requirements
		IRA000	IRIDIUM
		AZA000	OSMIUM
		PDA000	PALLADIUM
		PTA000	PLATINUM
		RHA000	RHODIUM
		RTA000	RUTHENIUM
		AGA000	SILVER

Table 2

REPLY CODE	REPLY (AG14)
E	GRAINS, TROY
R	GRAMS
F	OUNCES, TROY

ALL

PMLC J PRECIOUS MATERIAL AND LOCATION

Definition: AN INDICATION OF THE PRECIOUS MATERIAL AND ITS LOCATION IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the location in clear text. (e.g., PMLCJAUA000TERMINALS*; PMLCJAUA000TERMINALS$$JAGA000INTERNAL SURFACES*; PMLCJAGA000TERMINALS$JAUA000INTERNAL SURFACES*)

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

ALL

SUPP G SUPPLEMENTARY FEATURES

APP Key	MRC	Mode Code	Requirements

Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)

ALL

FCLS A FUNCTIONAL CLASSIFICATION

Definition: THE ALPHA-NUMERIC DESIGNATION THAT IDENTIFIES THE CLASSIFICATION OF THE ITEM ACCORDING TO THE CATEGORY OF FUNCTIONS PERFORMED.

Reply Instructions: Enter the reply from the applicable document.

(e.g., FCLSAHH-1.5*)

ALL

FTLD G FUNCTIONAL DESCRIPTION

Definition: DESCRIBES THE CAPABILITIES, INTENDED USE, AND/OR PURPOSE FOR WHICH THE ITEM IS PROVIDED.

Reply Instructions: Enter description of function as concisely as possible. (e.g., FTLDGUSED TO INSTALL/REMOVE ENGINE NACELLE*)

ALL

TMDN A TYPE/MODEL DESIGNATION

Definition: THE ALPHA-NUMERIC-ALPHA DESIGNATION USED TO IDENTIFY THE TYPE AND/OR MODEL OF THE BASIC ITEM.

Reply Instructions: Enter the appropriate designation data.

(e.g., TMDNAMSV-615/M*)

ALL

RTSE G RELATIONSHIP TO SIMILAR EQUIPMENT

APP Key	MRC	Mode Code	Requirements

Definition: INDICATES THE RELATIONSHIP, SUCH AS CONSTRUCTION, CAPABILITIES, AND THE LIKE, OF THE ITEM TO A SIMILAR ITEM.

Reply Instructions: Enter concise statement for similar item including name and identifying data.

(e.g., RTSEGSIMILAR TO LOCKHEED OVERWING ENGINE HOIST P/N 61521-58*)

ALL

RDAL G REFERENCE DATA AND LITERATURE

Definition: LITERATURE AND REFERENCES AVAILABLE FOR INFORMATION PERTAINING TO THE ITEM.

Reply Instructions: Enter data appropriate and in a concise manner to identify informational references covering the item.

(e.g., RDALGNAAVAIROIA/VFK58 A-2.2.9*)

ALL

NTRD A ENTRY DATE

Definition: INDICATES THE DATE THE ITEM WAS ENTERED INTO MIL-HDBK-300.

Reply Instructions: Enter the date structured in three hyphenated 2 position segments to indicate the last 2 digits of the calendar year,

month, and day. (e.g., NTRDA80-05-28*)

ALL

ZZZP J PURCHASE DESCRIPTION IDENTIFICATION

Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY.

Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) Code, followed by a dash and the identifying number of the document.

(e.g., ZZZPJ81A37-30624A*)

APP Key	MRC	Mode Code	Requirements
ALL			
	ZZZV	G	FSC APPLICATION DATA

Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.

Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT*)

ALL

	HZRD	D	HAZARDOUS SUBSTANCES

Definition: THE SUBSTANCES AND/OR MATERIALS CONTAINED IN THE ITEM THAT HAVE BEEN IDENTIFIED AS HAZARDOUS OR ENVIRONMENTALLY DAMAGING BY THE ENVIRONMENTAL PROTECTION AGENCY OR OTHER AUTHORIZED GOVERNMENT AGENCY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., HZRDDHAZ042*; HZRDDHAZ042$$DHAZ052*)

Reply Code	REPLY (HZ00)
HAZ042	ASBESTOS
HAZ008	CADMIUM
HAZ011	CHROMIUM
HAZ092	MAGNESIUM
HAZ052	ZINC

ALL

	SHPN	A	DOT PROPER SHIPPING NAME

Definition: THE PROPER SHIPPING NAME AS IDENTIFIED BY THE DEPARTMENT OF TRANSPORTATION (DOT) AND LISTED IN THE TITLE 49 CODE OF FEDERAL REGULATIONS (CFR), PART 172, HAZARDOUS MATERIALS TABLE.

Reply Instructions: Enter the applicable proper shipping name as identified in Title 49 CFR, Part 172, Hazardous Materials Table 172.101 and referenced paragraphs. (e.g., SHPNAASBESTOS*; SHPNAASBESTOS$$AZINC*)

ALL

APP Key	MRC	Mode Code	Requirements
	DENN	A	DOT IDENTIFICATION NUMBER

Definition: THE IDENTIFICATION NUMBER ASSIGNED BY THE DEPARTMENT OF TRANSPORTATION (DOT) TO EACH PROPER SHIPPING NAME. IDENTIFICATION NUMBERS PRECEDED BY THE LETTERS "UN" ARE ASSOCIATED WITH INTERNATIONAL AS WELL AS DOMESTIC TRANSPORTATION AND THOSE PRECEDED BY THE LETTERS "NA" ARE NOT RECOGNIZED FOR INTERNATIONAL TRANSPORTATION OF HAZARDOUS MATERIALS (DANGEROUS GOODS) EXCEPT TO AND FROM THE UNITED STATES AND CANADA.

Reply Instructions: Enter the applicable alpha-numeric Identification Number assigned to the proper shipping name as appears in the Title 49 Code of Federal Regulations, Part 172, Hazardous Materials Tables. (e.g., DENNAUN2212*; DENNANA1759*)

ALL

	WLBL	A	DOT WARNING LABEL CODE

Definition: THE WARNING LABEL CODE ASSIGNED BY THE DEPARTMENT OF TRANSPORTATION (DOT) TO EACH PACKAGE OR CONTAINMENT DEVICE OFFERED FOR TRANSPORTATION OF A HAZARDOUS MATERIAL WHICH MEETS ONE OR MORE HAZARD CLASS DEFINITIONS IN ACCORDANCE WITH THE TITLE 49 CODE OF FEDERAL REGULATIONS (CFR), PART 172, HAZARDOUS MATERIALS TABLE.

Reply Instructions: Enter the applicable numeric or alpha-numeric labeling requirements as appears in the DOT Title 49 CFR, Part 172, Hazardous Materials Table. For items requiring more than one label, enter the primary label first. (e.g., WLBLACLASS 9*; WLBLACORROSIVE*; WLBLACORROSIVE$$AFLAMMABLE LIQUID*)

ALL

	CXCY	G	PART NAME ASSIGNED BY CONTROLLING AGENCY

Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)

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Reply Tables

Table 1 - NONDEFINITIVE SPEC/STD DATA
NONDEFINITIVE SPEC/STD DATA

REPLY CODE	REPLY (AD08)
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
ML	MATERIAL
MH	MESH
ME	METHOD
MD	MODEL

REPLY CODE	REPLY (AD08)
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Table 2 - METER UNITS OF MEASUREMENT

METER UNITS OF MEASUREMENT

REPLY CODE	REPLY (AK09)
ABT	AMPERES
A	ANY ACCEPTABLE
ABW	CURRENT
AAD	DECIBELS
ABX	HOURS
ABY	MICROAMPS
ABZ	MILLIAMPS
AAE	OHMS
ACA	PERCENT ERROR
ACB	SECONDS
ACC	VOLTAGE

Table 3 - MATERIALS

MATERIALS

REPLY CODE	REPLY (AD09)
ALC000	ALUMINUM
AL0000	ALUMINUM ALLOY
AL0056	ALUMINUM ALLOY, QQ-A-250/8, ALLOY 5052
AL0370	ALUMINUM ALLOY, QQ-A-250/8, ALLOY 5052, H32
AL0371	ALUMINUM ALLOY, QQ-A-250/8, ALLOY 5052, H34
AL0387	ALUMINUM ALLOY, QQ-A-250/11, ALLOY 6061, T6
ANC000	ANODIZED ALUMINUM
AS0000	ASBESTOS
BR0000	BRASS
FD0000	FIBERBOARD
FG0000	FIBERGLASS
GSA000	GLASS, EPOXY
GSC000	GLASS FILLED MELAMINE
FEA000	IRON, CAST
MG0000	MAGNESIUM
ME0000	METAL
PC0000	PLASTIC
PCBR00	PLASTIC, LAMINATED
PCY000	PLASTIC, METHYL-METHACRYLATE (Plexiglass)
PC0162	PLASTIC, MIL-P-5425
PCAAL0	PLASTIC, PHENOL-FORMALDEHYDE
PCW000	PLASTIC, PHENOLIC
PCAAZ0	PLASTIC, PHENOLIC LAMINATE (Textolite)
PW0000	PLYWOOD
RCC000	RUBBER, SYNTHETIC
ST0000	STEEL

Table 4 - SURFACE TREATMENTS

SURFACE TREATMENTS

REPLY CODE	REPLY (AD09)
AN0000	ANODIZED
ANA000	ANODIZED BLACK
LQD000	BLACK LACQUER
BBN000	BLACK, WRINKLE FINISH
BN0000	BRONZE
CD0000	CADMIUM
CL0000	CHEMICAL
CL0001	CHEMICAL FILM, MIL-C-5541
CL0002	CHEMICAL FILM, MIL-C-5541, TYPE 2, GRADE C, CLASS 3
CN0000	CHROMATE (Iridite) (Cronak)
CN0021	CHROMATE, MIL-C-5541, CLASS 3
CH0000	CHROME
EN0000	ENAMEL
EN0007	ENAMEL, MIL-E-15090, TYPE 1, CLASS 2
ENC000	ENAMELED
ECB000	ETCH, ALKALI
	Iridite (use Reply Code CN0000)
LQ0000	LACQUER
LQ0009	LACQUER, FED STD 595, TT-L-20
XX0002	OXIDE FILM, MIL-C-5541
PN0000	PAINTED
PH0000	PHOSPHATE
PHB000	PHOSPHATE BLACK
PCD000	PLASTIC ALKYD
PCP000	PLASTIC, EPOXY
PCAAX0	PLASTIC, MELAMINE RESIN, GLASS CLOTH
PCAAAX	PLASTIC, VINYL
VNE000	VINYL CLAD
VN0000	VINYL VARNISH
ZNA000	ZINC CHROMATE

Table 5 - SPECIAL FACILITIES FOR MOUNTING PARTS TO BE TESTED

SPECIAL FACILITIES FOR MOUNTING PARTS TO BE TESTED

REPLY CODE	REPLY (AK14)
AB	ATTENUATORS
AQ	CIRCUIT BOARDS
AC	CRYSTAL UNIT
AD	FUSES
AE	JACKS
AF	LAMPS
AG	METER
AH	MICRO SWITCHES
AJ	RHEOSTATS

REPLY CODE	REPLY (AK14)
AK	SELECTOR SWITCH
AL	SHUNTS
AM	SWITCH

Table 6 - INDICATOR TYPES

INDICATOR TYPES

REPLY CODE	REPLY (AJ12)
ABA	AMMETER
ABB	BEZEL BRILLIANCE
ADA	BULB
ABC	BUZZER
ABD	CABLE, POWER
ABE	CLUTTER ELIMINATOR
ABF	COMBINATION WATTMETER AND REACTIVE KVA METER
ABG	CONNECTOR
ABH	COUNTER AND SYNCHRO METER
ABJ	CURSOR BRILLIANCE
ABK	DIAL
ABL	DRUM DIAL
ABM	FLOW METER
ABN	FREQUENCY METER
ABP	FUSE
ABQ	FUSE HOLDER
ABR	GAGE, FUEL
ABS	GAGE, FUEL PRESSURE
ABT	GAGE, OIL PRESSURE
ABX	GAGE, OIL TEMPERATURE
ABY	GAGE, PRESSURE DIAL
ABZ	GAGE, TEMPERATURE
ABW	GAGE, WATER TEMPERATURE
ACA	GLOW LAMP
ACB	GYRO, ERECT
ACC	HORIZONTAL CENTER
ACD	HOUR METER
ACF	INTENSITY
ACE	LIGHT
ACG	MECHANICAL DIAL
ACH	MEMORY
ACJ	METER
ACK	METER, TIME TOTALIZING
ACL	MINIATURE LAMP
ACM	NEON LAMP
ACN	RELAY
ACP	SELECTO CONTROL
ACQ	SWITCH
ACR	SYNCHRO METER

REPLY CODE	REPLY (AJ12)
AAZ	TACHOMETER
ACT	TACHOMETER, MECHANICAL, FIXED MTG
ACW	TEMPERATURE
ACX	TERMINAL BOARD
ACY	THERMOMETER, INDICATING CAPILLARY TUBE
ADB	TUBE SOCKET
ADC	VIDEO
ADD	VOLTMETER

Table 7 - INDICATOR LIGHT COLORS

INDICATOR LIGHT COLORS

REPLY CODE	REPLY (AD06)
AM0000	AMBER
BU0000	BLUE
BU0001	BLUE, AVIATION, MIL-C-25050, TYPE 1
CL0000	CLEAR
GR0000	GREEN
GR0001	GREEN, AVIATION, MIL-C-25050, TYPE 1
GR0002	GREEN, IDENTIFICATION, MIL-C-25050, TYPE 2
RE0000	RED
RE0002	RED, AVIATION, MIL-C-25050, TYPE 1
RE0003	RED, IDENTIFICATION, MIL-C-25050, TYPE 2
RE0004	RED, INSTRUMENT AND PANEL LIGHTING, MIL-C-25050, TYPE 1
WH0000	WHITE
WH0002	WHITE, AVIATION, MIL-C-25050, TYPE 1
WH0001	WHITE, LUNAR IDENTIFICATION, MIL-C-25050, TYPE 2
YE0000	YELLOW

Table 8 - MOUNTING METHODS

MOUNTING METHODS

REPLY CODE	REPLY (AB89)
MA	BEAM
ET	BULKHEAD
MB	CABINET
JA	CHASSIS
MC	CONSOLE
EU	DECK
MD	DRAWER
LW	FLOOR
ME	GROUND
AJ	HINGE
KL	PANEL
MF	POLE
LX	RACK

REPLY CODE	REPLY (AB89)
LZ	SWITCHBOARD

Table 9 - OPERATING POWER

OPERATING POWER

REPLY CODE	REPLY (0360)
1A	1ST ALTERNATE OPERATING POWER RQMT
1M	1ST OPERATING POWER RQMT
1B	2ND ALTERNATE OPERATING POWER RQMT
1N	2ND OPERATING POWER RQMT
1C	3RD ALTERNATE OPERATING POWER RQMT
1P	3RD OPERATING POWER RQMT
1D	4TH ALTERNATE OPERATING POWER RQMT
1Q	4TH OPERATING POWER RQMT
1E	5TH ALTERNATE OPERATING POWER RQMT
1R	5TH OPERATING POWER RQMT
1F	6TH ALTERNATE OPERATING POWER RQMT
1S	6TH OPERATING POWER RQMT
1G	7TH ALTERNATE OPERATING POWER RQMT
1T	7TH OPERATING POWER RQMT
1H	8TH ALTERNATE OPERATING POWER RQMT
1U	8TH OPERATING POWER RQMT
1J	9TH ALTERNATE OPERATING POWER RQMT
1V	9TH OPERATING POWER RQMT
1K	10TH ALTERNATE OPERATING POWER RQMT
1W	10TH OPERATING POWER RQMT
1L	11TH ALTERNATE OPERATING POWER RQMT
1X	11TH OPERATING POWER RQMT

Reference Drawing Groups

No table of contents entries found.

Technical Data Tables

IDENTIFIED SECONDARY ADDRESS CODING

When the item includes a self-contained power source and the item is also designed for operation from an external power source, the external power source is considered alternate operating. Under this condition reply only alternate operating.

When the item is powered by external power source(s) only reply operating. When the item is powered solely by internal batteries, these batteries do not constitute a self-contained power source but are considered operating.

If you have more than one reply to the same MRC in any series, change the second alpha to indicate the reply. For example: ALTERNATE OPERATING POWER EQUIPMENT shows AC Voltage 110V, 115V, 120V code as: ACYN1AJVA110.0* ACYN1BJVA115.0* ACYN1CJVA120.0*.

ACYN1AJVA110.0*

ACYN1BJVA115.0*

ACYN1CJVA120.0*.

IDENTIFIED SECONDARY SEQUENCE CODING for MRCs ACYN, ACZB, FAAZ, ACYR, and ALSF.

REPLY CODE	REPLY (0360)
1A	1ST ALTERNATE OPERATING POWER RQMT
1M	1ST OPERATING POWER RQMT
1B	2ND ALTERNATE OPERATING POWER RQMT
1N	2ND OPERATING POWER RQMT
1C	3RD ALTERNATE OPERATING POWER RQMT
1P	3RD OPERATING POWER RQMT
1D	4TH ALTERNATE OPERATING POWER RQMT
1Q	4TH OPERATING POWER RQMT
1E	5TH ALTERNATE OPERATING POWER RQMT
1R	5TH OPERATING POWER RQMT
1F	6TH ALTERNATE OPERATING POWER RQMT
1S	6TH OPERATING POWER RQMT
1G	7TH ALTERNATE OPERATING POWER RQMT

REPLY CODE	REPLY (0360)
1T	7TH OPERATING POWER RQMT
1H	8TH ALTERNATE OPERATING POWER RQMT
1U	8TH OPERATING POWER RQMT
1J	9TH ALTERNATE OPERATING POWER RQMT
1V	9TH OPERATING POWER RQMT
1K	10TH ALTERNATE OPERATING POWER RQMT
1W	10TH OPERATING POWER RQMT
1L	11TH ALTERNATE OPERATING POWER RQMT
1X	11TH OPERATING POWER RQMT

STANDARD FRACTION TO DECIMAL CONVERSION CHART

4ths	8ths	16ths	32nds	64ths	To 3	To 4	4ths	8ths	16ths	32nds	64ths	To 3	To 4
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	------	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	------	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	------	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	------	.219	.2188				23/32	------	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	------	.281	.2812				25/32	------	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	------	.344	.3438				27/32	------	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	------	.406	.4062				29/32	------	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	------	.469	.4688				31/32	------	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

OUNCE TO DECIMAL OF A POUND CONVERSION CHART

OUNCES	POUNDS
1	0.062
2	0.125
3	0.188
4	0.250
5	0.312
6	0.375
7	0.438
8	0.500
9	0.562
10	0.625
11	0.688
12	0.750
13	0.812
14	0.875
15	0.938
16	1.000

FIIG Change List

FIIG Change List, Effective September 3, 2010

This change replaced with ISAC or and/or coding.